

AMENDMENTS

This listing of claims replaces all prior versions and listings of claims in the application.

IN THE CLAIMS

1-25. (canceled)

26. (previously presented) A process for producing a blend of two or more polyethylenes, comprising the step of contacting:

- (1) ethylene;
- (2) one or more separately added α -olefins of the formula $R^{18}CH=CH_2$, wherein R^{18} is alkyl, wherein R^{18} has an even number of carbon atoms;
- (3) a first active polymerization catalyst under conditions to copolymerize ethylene and the separately added α -olefins; and
- (4) a second active polymerization catalyst under conditions to polymerize ethylene, but has little or no tendency to copolymerize ethylene and α -olefins,

and provided that said first and said second active polymerization catalysts are selected from the group consisting of Ziegler-Natta catalysts and metallocenes.

27. (previously presented) The process as recited in claim 26 wherein a series of α -olefins of the formula $R^{18}CH=CH_2$ are present.

28. (previously presented) The process as recited in claim 26 wherein the second active polymerization catalyst is chemically different than the first active polymerization catalyst.

29. (canceled)
30. (previously presented) The process as recited in claim 26 wherein the first polymerization catalyst is a metallocene-type catalyst.
31. (previously presented) The process as recited in claim 26 wherein the first polymerization catalyst and second polymerization catalyst are supported.
32. (previously presented) The process as recited in claim 31 carried out in the gas phase.
33. (previously presented) The process as recited in claim 32 wherein the second active polymerization catalyst is chemically different than the first active polymerization catalyst.
34. (canceled)
35. (previously presented) The process as recited in claim 26 wherein the first and second polymerization catalysts are both metallocenes.
36. (previously presented) The process as recited in claim 28 wherein the first and second polymerization catalysts are both metallocenes.

37. (previously presented) The process as recited in claim 31 wherein the first and second polymerization catalysts are both metallocenes.
38. (previously presented) The process as recited in claim 33 wherein the first and second polymerization catalysts are both metallocenes.
39. (previously presented) The process as recited in claim 26 wherein at least one α -olefin wherein R^{18} contains an odd number of carbon atoms is also present.